



Division of Aquatic Resources
Department of Land and Natural Resources
State of Hawai'i

"Fish for the Future"

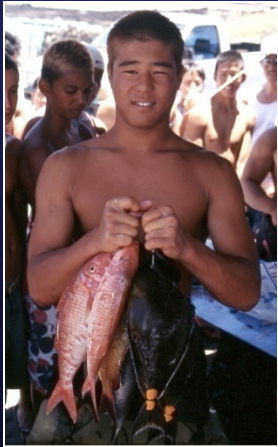
The mission of the Division of Aquatic Resources is to manage, conserve and restore the state's unique aquatic resources and ecosystems for present and future generations.

Updating Hawai'i's Marine Fishing Regulations

→Minimum size limits←

Special thanks to:

Sara Peck Brent Carman
Leonard Torricer Chad Wiggins
Kara Osada John Kahiapo
Steve Cotton Glennon Gingo
Laura Livnat Teresa Nakama



5 Public meetings
Held in West Hawai'i
Feb – April 2009



Please return to: DAR 74-380 B Kealakehe Pkwy, Kailua

Public questionnaire on potential fishing regulations

1) Should L_{50} be the basic standard for minimum size regulations of reef fishes?
Yes
No

2) Are there some species which should not utilize L_{50} as the minimum size?
Yes Which ones?
No

3) Beyond the three families of priority species, are there other reef species that should have minimum size regulations?
Yes Which ones?
No

4) Should minimum size (and other) regulations be the same for Recreational and Commercial fishermen?
Yes
No

5) Should the sale of reef species be prohibited and only taken for personal consumption?
Yes
No

6) Should there be maximum size regulations in addition to minimum size regulations?
Yes
No

7) Should there be bag limits for reef fishes?
Yes Which ones?
No

8) Should the following rules apply to blue/green male parrot fish:
Kapu (no take)
Size limits
Bag limits
Both size & bag limits

9) Should additional No-Take Marine Protected Areas be established in West Hawai'i?
Yes
No

10) Should DAR focus only on minimum sizes at this time or should they also consider other management tools as noted above?
Just minimum sizes
Other management tools (please list)

Please write any additional comments below.

Please return to: DAR 74-380 B Kealakehe Pkwy, Kailua Kona, HI 96740

Public questionnaire on potential fishing regulations for West Hawai'i

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Yes
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Yes Which ones?
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3) Beyond the three families of priority species, are there other reef species that should have minimum size regulations?

Yes Which ones?
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4) Should minimum size (and other) regulations be the same for Recreational and Commercial fishermen?

Yes

No

5) Should the sale of reef species be prohibited and only taken for personal consumption?

Yes
No

6) Should there be maximum size regulations (or slot limits) for fish in addition to minimum size regulations?

Yes

No

7) Should there be bag limits for reef fishes?

Yes Which ones?
No

8) Should the following rules apply to blue/green male parrot fish:

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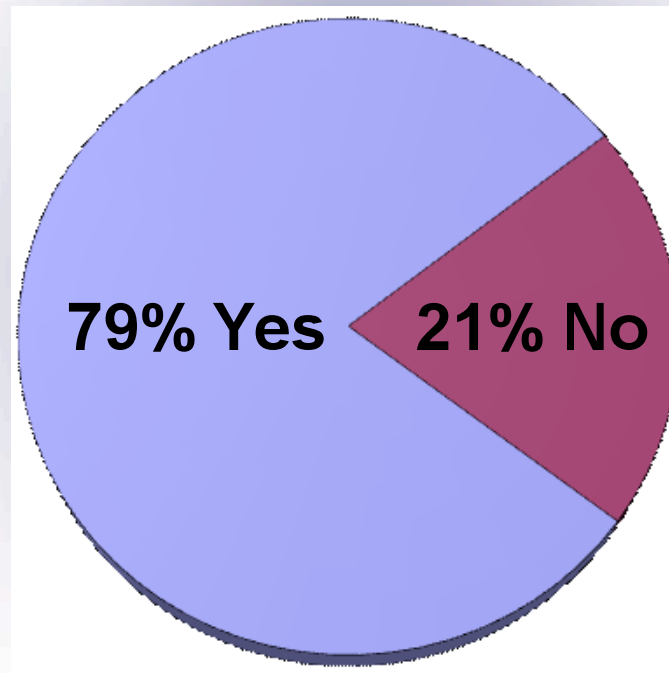
Yes
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Should L_{50} be the basic standard for minimum size regulations of reef fishes?

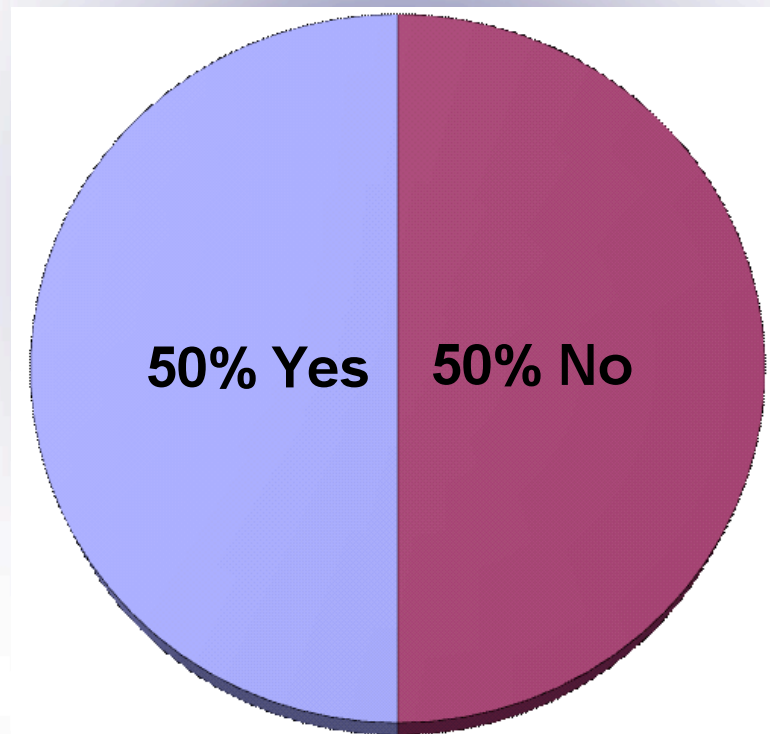


Summary of Public Survey

Question 1: Comments

- Although L_{50} was supported, some suggested an increase - e.g. $L_{50} + 10\%$, L_{70} or L_{75}
- Need to be more specific, some species are OK smaller, some larger – all species must be looked at individually
- Comments also reflected a general non-understanding of what L_{50} actually means

Are there some species which should not utilize L_{50} as the minimum size?

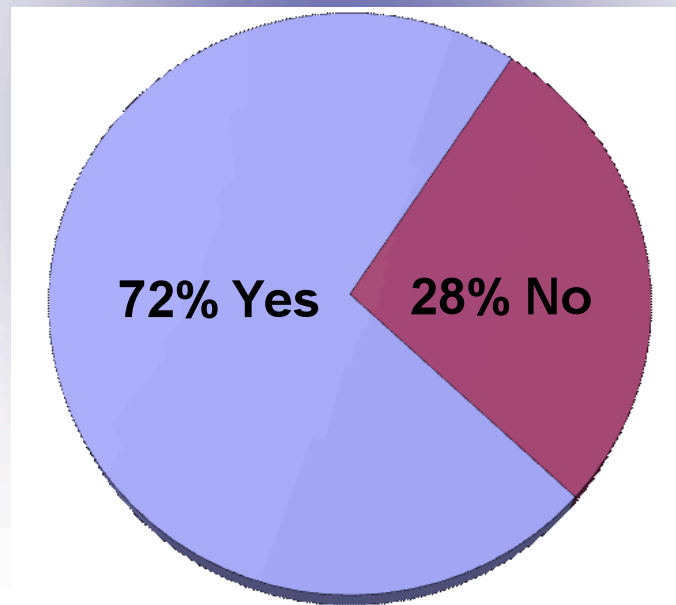


Question 2:

Species not to use L_{50}

- 'Oama
- Halalū
- Ōhūa
- 'Upāpalu
- Aquarium species
- Introduced species
- Hermaphroditic species
- Non-food fish
- Heavily targeted goat fish
- Pale nose parrot fish
- Ulua (jacks)
- Menpachi
- Āholehole
- Moi

Beyond the three families of priority species,
are there other reef species that should
have minimum size regulations?



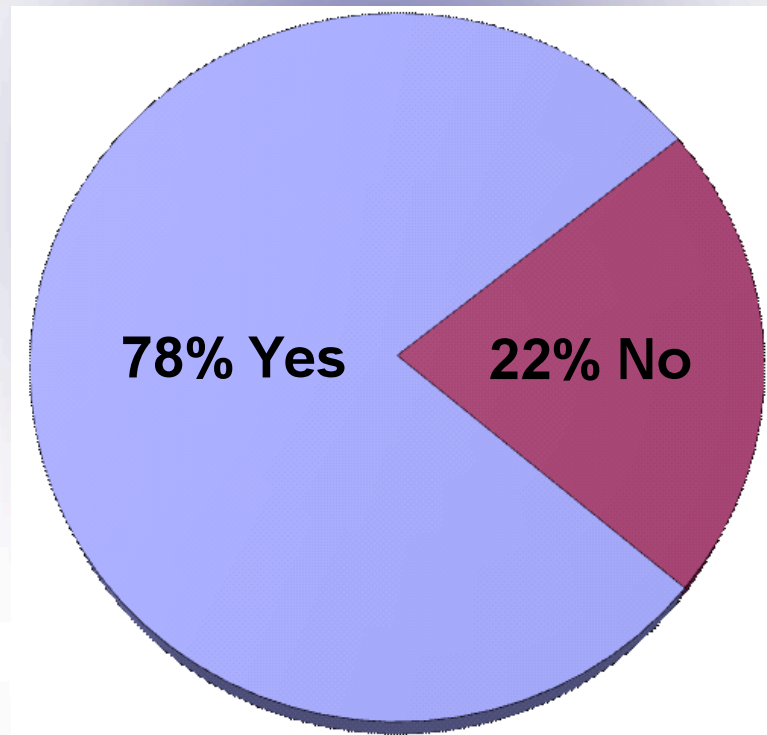
Question 3:

What other species should be included?

- Individual fish species:
 - Menpachi (8) (u'u)
 - 'Āweoweo (7)
 - Palani (4)
 - Achilles (4) (Pāku'iku'i)
 - Āholehole (3)
 - Akule (3)
 - Kala (3)
 - Kole (3)
 - Moi (3)
 - Na'ena'e (3)
 - O'io (3)
 - Orangespine (3) (Umaumalei)
 - Yellow tang (3)
 - Awa (2)
 - Giant grouper (2)
 - Kyphosidae (2)
 - Manini (2)
 - Moano Kali (2)
 - Pualu (2)
 - Uku (2)
 - 'Api, Dobe, Hawaiian Kole, Kagami, Kūmū (no spear), Kūpīpī, Mā'i'i'i (lavender tang), Maiko, Mamo, Mu, Munu, Nohu, 'Ōmaka, Saddle Wrasse, Pananu, Peacock grouper, Po'opa'a, Pōnuhunuhu, Upapalu, Weke ula,

Numbers indicate number of individuals who made specific comment

Should minimum size (and other) regulations be the same for recreational and commercial fishermen?

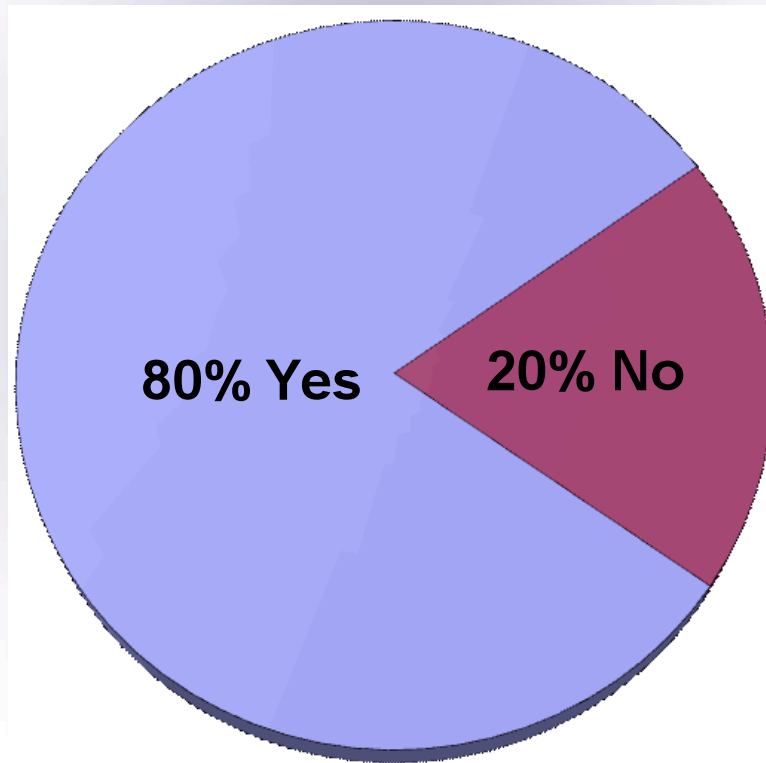


Question 4: Comments

- Yes they should be the same (7)
- Ban commercial fishing on the reef (6)
- Ban recreational fishing on the reefs (1)

Numbers indicate number of individuals who made specific comment

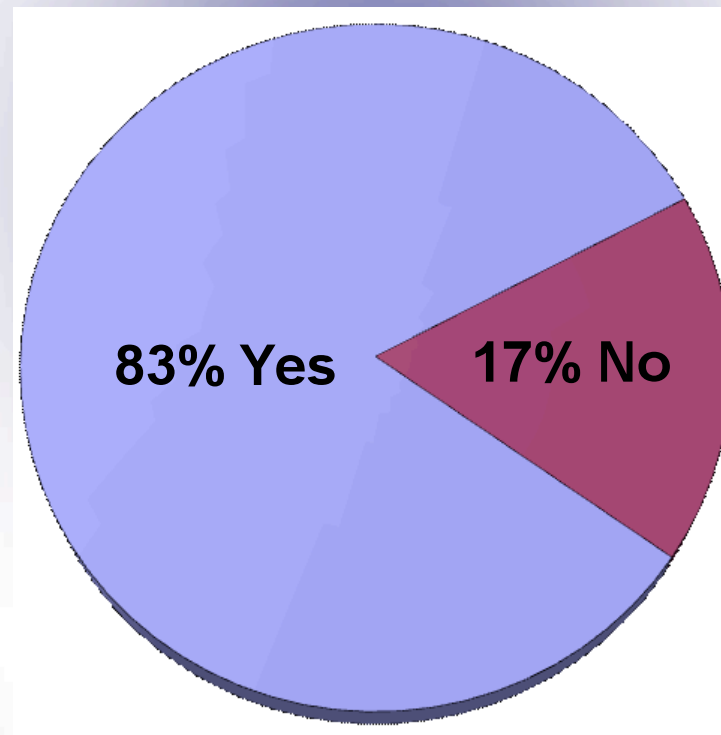
Should the sale of reef species be prohibited
and only taken for personal consumption?



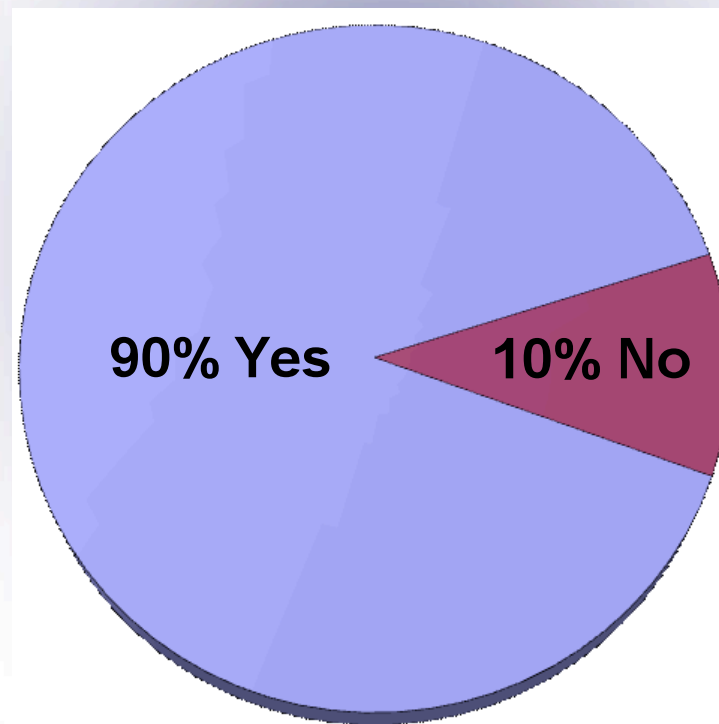
Question 5: Comments

- No commercial spearfishing
- For some species but not all (e.g. Uhu)
- No commercial Uhu fishing
- Extend to Opihi and A'ama crab as well as other resources.
- Need size and bag limits on commercial take

Should there be maximum size regulations (slot limits) for fish in addition to minimum size regulations?



Should there be bag limits for reef fishes?



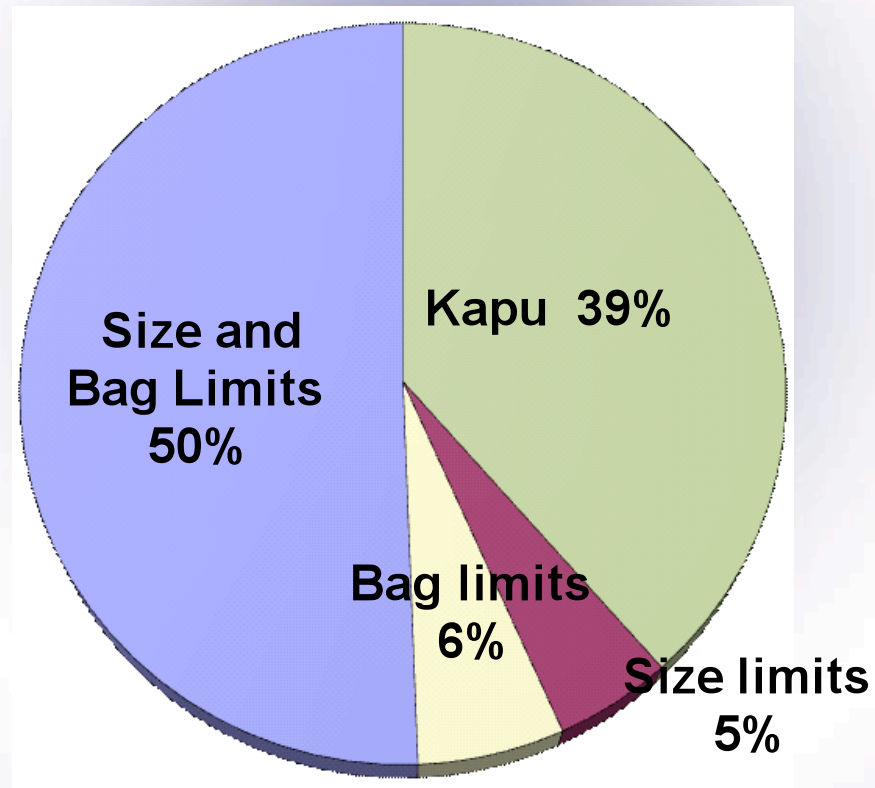
Question 7:

What species should have bag limits?

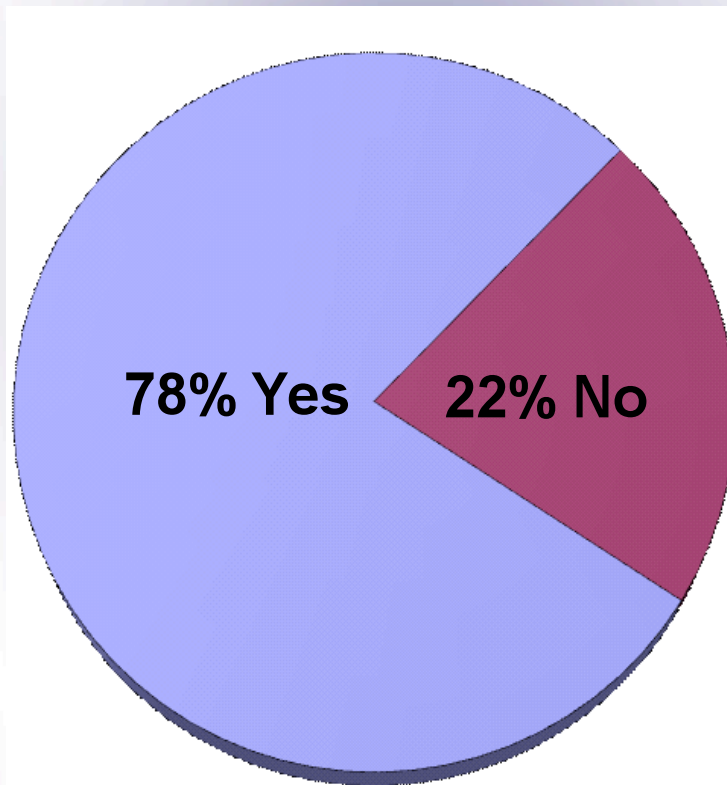
- All (26)
- All Reef Fish (3)
- Redfish (3)
- Schooling fish (2)
- All except introduced species
- All where #'s are declining
- Apex predators
- Herbivores
- Larger Wrasses
- Mixed bag do sizes
- Ones that are typically harvested

Numbers indicate number of individuals who made specific comment

Should the following rules apply to blue/green male parrot fish?



Should additional No-Take Marine Protected Areas (MPAs) be established in West Hawai'i?



Question 9: Comments

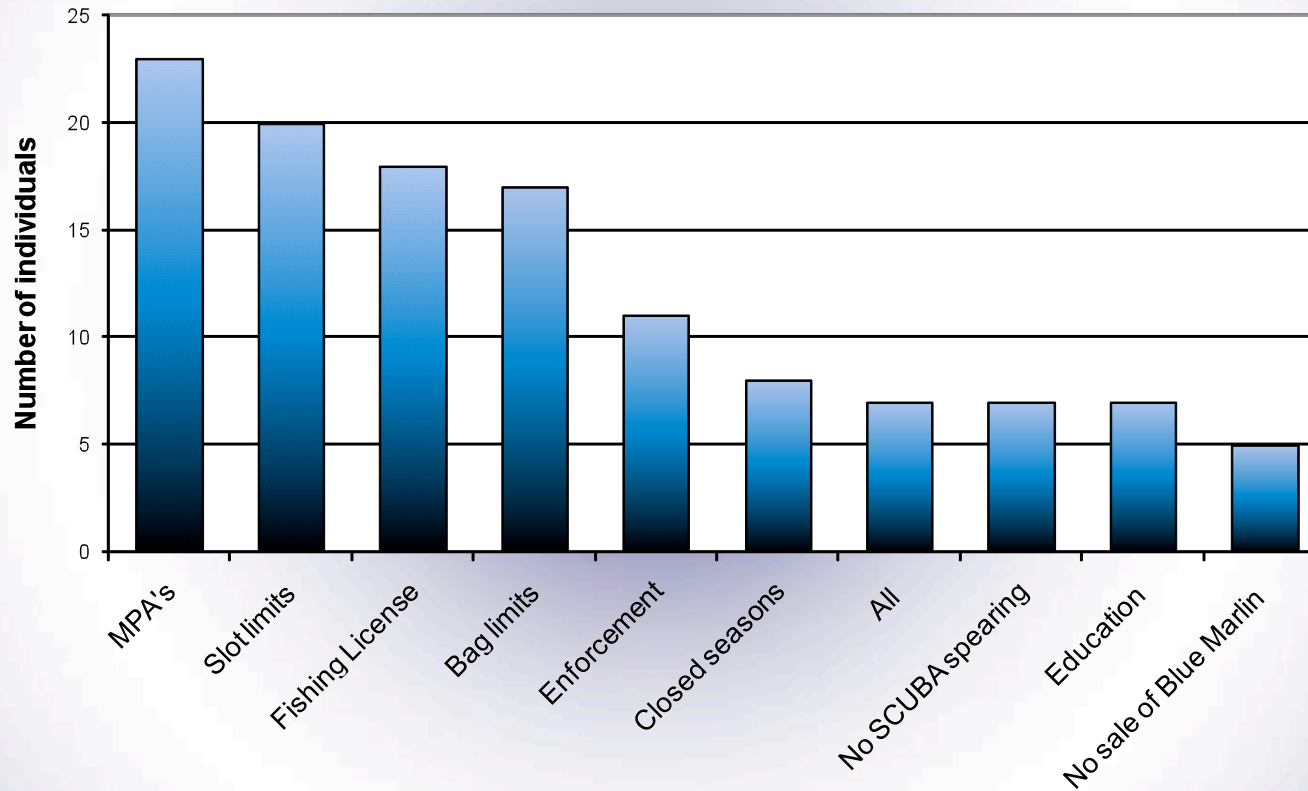
- Put more limitations on current MPA and FRA areas making them “no take” rather than creating new areas.
- Create “No use” areas – everyone must stay out, fisherman, boaters, swimmers, everyone

Should DAR focus only on minimum sizes at this time or should they also consider other management tools as noted above?



Top 10 Methods for managing West Hawai'i's fishery resources

as indicated on questionnaires



Essential Messages of Public Input

- L_{50} good for most species
- Additional species need minimum size limits
- Same rules for commercial & noncommercial fishers
- No \$ale of reef fish
- Establish slot limits for some species
- Bag limits for many if not most species
- Strong protection for terminal uhu
- More no-take MPAs
- Do not focus only on minimum size rules